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cates of collections made in Venezuela, and at Guayaquil, by Messrs. Destruges and Reeve. Duplicates also from the Smithsonian Institution from collections made in San Domingo, by W. Younglove; in Navassa, by W. Raisin; and in Porto Rico, by Geo. Latimer; from San Francisco, Cal., and from Vancouver's Island, made by A. W. Hewson. Also similar series from Arizona, collected by Elliott Coues, M.D., and from Camp Grant in the same Territory made by Dr. Canfield.

In the same manner the Committee has received duplicates of the collections of the Essex Institute, from Madagascar, Zanzibar and Western Africa.

There have been procured by exchange the large collections made by the Orton Expedition to Equador and the Upper Amazon; also collections from the Cape of Good Hope, the Seychelle Islands, and from Surinam by exchange with the Historical Society of Long Island.

By presentation the Committee has obtained a fine collection from Beirut, Syria, which also embraced mammals and other objects; similar collections from Bahia, Brazil; one from Central America, and two from unusual localities in New Grenada. Collections also from California and Lower California, and from Owen's Valley on the boundaries of Nevada. Also smaller collections from Australia, Africa, Persia and other places in Asia.

Of fishes there have been also numerous additions made to the charge of the Committee. They have not received much in this department by the duplicates of other museums, but have been chiefly dependent on presentation. In this way we have acquired large series of species from the Island of St. Kitts, West Indies, from St. Croix, West Indies, and from the Coasts of Alaska. Also from the rivers of South Western Virginia; from the Alleghany River above Pittsburg; from the branches of the Missouri River near Leavenworth, Kas., and from the Miami River, Ohio. All these are collections of considerable extent.

Smaller collections have been procured from Surinam, Central America, and Mexico; also from Beirut, Syria, and from Newport, Rhode Island.

The above collections, embracing a great number of specimens, were sorted, bottled, labelled, and classified in the Museum by the Museum Assistant, thus saving a great deal of time to the Committee, and enabling them to pursue scientific investigations on such and other material.

The Committee also congratulates itself on the benefits accruing to the committee's department, through the employment by the Curators of a French preparateur. Exclusive of numerous preparations in the department of birds and mammals, the committee have now a series of skeletons of forty species of Reptiles, and eighty of Fishes, obtained at rates far lower than by any other means known to the Committee. At the same time the Museum Assistant has received instruction in preparing skeletons and skins, thus supplying a want which the Committees department and several other departments have experienced for several years past.

Which is respectfully submitted by

EDWARD D. COPE, *Chairman*.
ROBERT BRIDGES.

REPORTS OF THE CONCHOLOGICAL SECTION.

RECORDER'S REPORT.

During the year ending Dec. 3, 1868, there have been elected two members and four correspondents.

The death of one correspondent, Rev. E. Johnson, of Waioli, S. I., was announced Nov. 5, 1868.

Thirty-five papers have been accepted for publication in the Journal, by the following authors:

[Dec.

Prof. O. A. L. Mörch,	1	Geo. W. Tryon, Jr.,	8
Wm. M. Gabb,	7	Dr. James Lewis,	5
Wm. Harper Pease,	3	T. A. Conrad,	4
Dr. J. G. Cooper,	2	S. R. Roberts,	2
Prof. S. S. Haldeman,	1	Thomas Bland,	1
Dr. P. P. Carpenter,	1		

The following amendment to the By-Laws was adopted, adding to Art. X of Chap. XII the words "or of the Academy;" so as to read: "The actual date of publication of any issue of the 'Journal' shall be determined by the published record of its presentation at a meeting of the Section or of the Academy."

Respectfully submitted,

S. R. ROBERTS, *Recorder*.

List of Members elected during 1868.—Mrs. Lucy W. Say, Dr. F. A. Hassler.

Correspondents.—G. B. Sowerby (elected in 1867), London; *Rev. E. Johnson*, Waioli, S. I. (deceased); Col. E. Jewett, Utica, N. Y.; Dr. Ferd. Stoliczka, Calcutta; Ralph Tate, London.

REPORT OF THE SECRETARY.

To the Conchological Section of the Academy of Natural Sciences, Philadelphia:

The Secretary would respectfully report that letters have been received as follows, since the last annual meeting, viz.:

Dec. 31, 1867.—Alpheus Hyatt, Salem, Mass., in acknowledgement of election as correspondent.

Feb. 4th, 1868.—Dr. O. A. L. Mörch, Copenhagen, acknowledgement of election.

Feb. 4th, 1868.—Jabez Hogg, London, with publications forwarded.

April 20th, 1868.—Robt. Dinwiddie, New York. Letter of thanks.

May 10th.—G. Nevill, Calcutta. Offering an exchange of specimens.

May 15th.—Prof. S. L. Abbott, Boston. Letter of thanks.

May 26th.—Prof. Jos. Henry, Smithsonian. Letter of acknowledgement.

June 13th.—Prof. S. F. Baird, S. I. Letter of thanks.

July 17th.—Dr. O. A. L. Mörch, Copenhagen. Letter of thanks.

Oct. 10th.—Dr. Ferd. Krauss, Stuttgart. Letter of thanks.

Letters have been written as follows, viz.:

April 3d.—To Edmund Draper, Thomas Sparks, and G. W. Fahnestock, of Philadelphia, tendering the thanks of the Section for subscriptions towards the purchase of specimens.

To Geo. Davidson, Germantown, for a fine suite of shells from Alaska.

August 17th.—To Jabez Hogg, London, requesting an exchange of publications.

To G. Nevill, Calcutta, accepting proposals for an exchange.

Nov. 2d.—To Dr. E. Von Martens, Berlin.

To M. F. de Malgivre, Bruxelles.

To Capt. J. Mitchell, Madras.

To M. Tasle, Pere, Varennes, France.

To Baron de Castello de Paiva, Lisbon.

To M. L. de Folin, Havre.

To M. Jules Chiron, Paris.

To Dr. Leopold Von Schenck, St. Petersburg, desiring an exchange of publications.

All of which is respectfully submitted.

E. R. BEADLE, *Sec'y*.

Dec. 3d, 1868.

1868.]

CONSERVATOR'S REPORT.

The Conservator of the Conchological Section respectfully reports that the following donations to the Cabinet have been received during the year :

Six hundred and sixty species of shells, principally from the collection of the late Hugh Cuming and for the greater part new to the museum, were presented, as follows : 267 species by Jos. Jeanes, 86 by Geo. W. Tryon, Jr., 46 by Thos. Sparks, 55 by Edm. Draper, 30 by C. F. Parker, 88 by Rev. E. R. Beadle, 45 by Isaac Lea, and by Wm. S. Vaux 42 species and a valuable specimen of *Cypræa umbilicata*.

From DR. JAS. LEWIS, seven species of fresh-water shells from the vicinity of Mohawk, N. Y. ; also specimens of *Melantho decisa*, Say ; *M. rufa*, Hald., and *M. integra*, Say.

S. R. ROBERTS. A suite of specimens of *Anodonta fluviatilis*, Soland., from Gray's Ferry, Philadelphia. Deformed specimens of *Anodonta implicata*, from Thorp's Dam, Philadelphia.

WM. M. GABB. About 3200 species, numerous specimens of marine, fluviatile and terrestrial shells.

GEO. W. TRYON, JR. Fifteen species of *Pupa* and *Vertigo*, and two specimens of *Bulimus Jaurassii*,

JOHN CASSIN. Six species from Natal.

J. R. WILLIS. Two specimens of *Pecten islandicus* from Nova Scotia.

E. R. BEADLE. Fifty-five species of marine, fluviatile and terrestrial shells.

E. HALL. Fifteen species.

W. H. PEASE. Four hundred and ninety-six species of Australasian shells, principally marine.

SPIRIDIONE BRUSINA. One hundred and ninety-nine species from the Adriatic Sea.

EDW. D. COPE. Six species of land shells from Western Virginia.

WM. G. BINNEY. *Helix Cooperi*, a unique specimen of an undescribed Helicina, and jaw of *Cylindrella trinitaria*.

GEO. DAVIDSON. Sixty-six species, numerous specimens of Alaskan shells.

ISAAC LEA. *Unio ligamentinus*, Lam. ; *U. Tappanianus*, eight species of *Unio* from North Carolina and Georgia ; *Eurycælon crassa*, Hald., *Amnicola Downiei* and three species of California fresh-water shells.

M. McDONALD. Many specimens of *Helix bucculenta* from Lexington, Va.

H. CROSSE. Eighty species, principally marine shells, from New Caledonia and the Adriatic Sea, and terrestrial shells from Dalmatia.

J. G. COOPER, M.D. Numerous specimens of California fluviatile and terrestrial shells.

PROF. O. A. L. MÖRCH. Seven species of fresh-water and land shells from Greenland.

F. V. HAYDEN, M.D. Nineteen species from Nebraska.

GEO. H. HORN, M.D. *Pisidium insigne*, Gabb, *Pupa Arizonensis*, *P. hordacea*, *Helix Horni*.

SMITHSONIAN INSTITUTION. *Unio pliciferus*, Lea, *U. umbrosus*, Lea.

F. A. GENTH. *Unio merus*, Lea, *U. Uharensis*, Lea, and *Clausilia Braunii*, Charp.

F. F. CAVADA. Nine species of shells from Cuba.

JOHN GREGORY. One species of *Cypræa* and one of *Cassidaria*.

JOS. LEIDY. Four species from Lake Superior, and two species of Limniadæ from Wyoming Territory ; *Planorbis trivolvus* and *Amnicola crassa*.

[Dec

- J. A. McCONNELL. Pearls from Unios from Little Miami River, Warren Co., O.
 JOHN FORD. Animal of *Pyrula canaliculata*.
 R. E. C. STEARNS. Very fine specimens of forty species of west-coast shells.
 DR. JOHN L. LeCONTE. One hundred and thirty-four species of Unionidæ, being the collection of the late Major John LeConte.
 J. VAN A. CARTER. Four species from Dakota and Wyoming Territory.
 T. N. DALE. Specimens of *Anomia epphipium*.

In presenting this list of the year's donations to the Conchological cabinet, amounting in the aggregate to about 6000 species, your special attention is called to the fine collection of upwards of 3000 species of marine, fluviatile and terrestrial shells presented by Mr. Wm. M. Gabb. This collection is particularly rich in west-coast species, and supplies a very large number of desiderata to our museum. The number of rare and interesting species in our possession has also been greatly augmented by the addition of the shells purchased by subscription from G. B. Sowerby, the greater part of which belonged to the collection of the late Hugh Cuming; by nearly 500 species of Australasian shells received from Mr. Wm. Harper Pease, of Honolulu; by the unique collection of Alaskan shells presented by Geo. Davidson, and by many rare and valuable species of Unionidæ contained in the LeConte collection.

Shells have been sent during the year in exchange to Dr A. Brot, of Geneva, A. P. Terver, of Lyons, and W. Harper Pease, of Honolulu. For farther information regarding our foreign relations reference is made to the reports of the Corresponding Secretary and the Publication Committee.

Catalogues of all the families from Pholadidæ to Tellinidæ, inclusive, having been completed and published during the year, it is the intention of the Section to commence immediately the systematic arrangement of the Conchological collection. A number of members having volunteered to assist, the shells will now be cleaned, labelled and arranged as rapidly as circumstances will permit.

The Conservator has in his possession a photographic album containing sixty-one portraits of members of the Section and of distinguished Conchologists throughout the world. It is hoped that no opportunity will be neglected of soliciting contributions to this interesting collection from our correspondents.

In conclusion, the Conservator would congratulate the members of the Section that, from the successful operations of the past year, they have so much reason to draw encouragement for the future.

Respectfully submitted by

EDW. J. NOLAN, *Conservator*.

LIBRARIAN'S REPORT.

The Librarian respectfully reports that there have been presented during the past year to the library of the Conchological Section, 11 volumes and 113 pamphlets. Of these 58 were received from authors, 31 from editors, 15 from Societies, 7 from the Publication Committee, 4 from Geo. W. Tryon, Jr., 4 from John Cassin, 4 from H. Crosse and 1 from Wm. M. Gabb.

In addition, twenty-seven pamphlets and continuations of Conchological works have been received by the Academy.

In consideration of the comparative completeness of the Conchological Library, the Librarian proposes, with the sanction of the Library Committee, to number the works in this department at as early a date as possible. It is hoped that this plan will facilitate the work of those wishing to refer to the books, while it lessens the chances of volumes being lost or misplaced.

EDWARD J. NOLAN, *Librarian*.

The election of Officers for the ensuing year was held in accordance with the By-Laws, with the following result :

<i>President</i>	ISAAC HAYS, M. D.
<i>Vice-Presidents</i>	Wm. S. Vaux, John Cassin.
<i>Corresponding Secretary</i>	Edw. D. Cope.
<i>Recording Secretary</i>	S. B. Howell, M. D.
<i>Librarian</i>	Edw. J. Nolan, M. D.
<i>Treasurer</i>	Wm. C. Henszey.
<i>Curators</i>	Jos. Leidy, M. D. Wm. S. Vaux, John Cassin, Edw. D. Cope,
<i>Auditors</i>	Jos. Jeanes, Wm. S. Vaux, Aubrey H. Smith.
<i>Publication Committee</i>	Jos. Leidy, M. D., Robt. Bridges, M. D., John Cassin, Wm. S. Vaux, Edw. J. Nolan, M. D.

The following gentlemen were elected members :

Albert Peale, Franklin Platt, Jr., Edw. A. Spooner, M. D.

The following were elected correspondents :

Geo. Neville, of Calcutta, E. I., and Rev. Dr. Jos. F. Berg, of Rutgers' College, N. J.